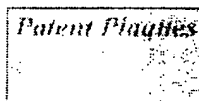




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## JP63201620A2: VIDEO ENDOSCOPE

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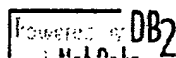
Country: **JP Japan**  
 Kind:  
 Inventor(s): **NAKAUCHI KENJI**  
 Applicant(s): **FUJI PHOTO FILM CO LTD**  
 News, Profiles, Stocks and More about this company  
 Issued/Filed Dates: **Aug. 19, 1988 / Feb. 18, 1987**  
 Application Number: **JP1987000035351**  
 IPC Class: **G02B 23/24; A61B 1/04; A61B 5/00;**

Abstract: **Purpose:** To permit sure observation by projecting light of a specific wavelength region to an affected part after incorporating a fluorescent material into the blood of a patient, then separately displaying the section detected by an image sensor and the affected part where the fluorescent color is formed.

**Constitution:** The fluorescent material adsorbs much to the disease cells of a cancer. etc., when the patient takes in said material. A mirror 5 is, therefore, turned to a position II by a driving part 30 and the laser light 6A from a laser oscillator 6 is projected to a wall 4. Since the laser light 6A is adjusted to the light emission characteristic of the fluorescent material, the fluorescence from the affected part increases particularly. The light of the affected part photodetected by the image sensor 11 is stored via a change-over circuit 22 into a memory 28. The image of the affected part stored in the memory 28 is also inputted into an image synthesizing circuit 26 and is displayed via display control part 31 on a CRT 32. Synthesizing and displaying of not only the image of the affected part but also the images stored in frame memories 23W25 on the CRT 32 are thereby permitted.

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Other Abstract Info: none  
 Foreign References: (No patents reference this one)



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